

1A P20 Rec'd PCT/PTO 09 MAY 2006
PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				<i>Complete if Known 926</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	<u>Not Yet Assigned 10/578,926</u>
(Use as many sheets as necessary)				Filing Date	Concurrently Herewith
Sheet	1	of	2	First Named Inventor	Koki ENDO
				Art Unit	1656
				Examiner Name	<u>Not Yet Assigned /Anand Desai/</u>
				Attorney Docket Number	OKA-0233

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/A.D./	AA	US-2003/0113836	6/19/2003	HIGASHIDE et al.	
	AB	US-2003/0119091	6/26/2003	EZURE et al.	
↓	AC	US-2002/0106719	8/8/2002	CHOI et al.	
	AD	US-2004/0137560	7/15/2004	SUZUKI et al.	
	AE				

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/A.D./	BA	JP-2000-175695	6/27/2000	INST OF PHYSICAL & CHEMICAL RES	
	BB	JP-2003-245094	9/2/2003	RENGO CO LTD	✓
	BC	JP-2002-238595	8/27/2002	DREAMBIOGEN CO LTD	✓
	BD	JP-62-500631	3/19/1987	CETUS CORPORATION	(equivalent to BE) ✓
	BE	WO-86/02381	4/24/1986	CETUS CORPORATION	(equivalent to BD) ✓
	BF	WO-00/50586	8/31/2000	EUROPEAN MOLECULAR BIOLOGY LABORATORY	
	BG	EP-1 143 009	10/10/2001	RIKEN	
	BH	JP-2000-325076	11/28/2000	HARA	
↓	BI	JP-2004-208640	7/29/2004	RENGO CO LTD	
	BJ	JP-2003-235598	8/26/2003	RENGO CO LTD	

Examiner Signature	/Anand Desai/	Date Considered	09/15/2007
--------------------	---------------	-----------------	------------

AP20 Rec'd PTO/USPTO 05 MAY 2006

10/578,926

PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				<i>Complete if Known</i>	
				<i>Not Yet Assigned 26</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Concurrently Herewith	
(Use as many sheets as necessary)				Koki ENDO	
				Art Unit 1656	
				Examiner Name <i>Not Yet Assigned /Anand Desai/</i>	
Sheet	2	of	2	Attorney Docket Number OKA-0233	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
/A.D./	CA	FUJIWARA et al.; SMALL RNAs OF THE SILKWORM, <i>BOMBYX MORI</i> AS REVEALED BY IN VITRO CAPPING AND IN VITRO TRANSCRIPTION; Comp. Biochem. Physiol. Vol. 91B, No. 2, pp. 383-388, 1988; Great Britain		
	CB	SAKURAI et al.; In vitro transcription of the plasma protein genes of <i>Bombyx mori</i> ; Biochim. Biophys. Acta., 1990, Vol. 1087, no. 1, pages 18-24		
	CC	GILLIES et al.; Translation of Vesicular Stomatitis and Sindbis Virus mRNAs in Cell-free Extracts of <i>Aedes albopictus</i> Cells; J. Biol. Chem., 1981, Vol. 256, No. 24, pages 13188-92		
	CD	SCOTT et al.; Cell-Free Protein Synthesis in Lysates of <i>Drosophila melanogaster</i> Cells; Biochemistry, 1979, Vol. 18, No. 8, pages 1588-94		
	CE	SHIELDS et al.; Efficient Cleavage and Segregation of Nascent Presecretory Proteins in a Reticulocyte Lysate Supplemented with Microsomal Membranes; J. Biol. Chem., 1978, Vol. 253, No. 11, pages 3753-6		
	CF	WALTER et al.; Translocation of Proteins Across the Endoplasmic Reticulum I. Signal Recognition Protein (SRP) Binds to In-Vitro-Assembled Polysomes Synthesizing Secretory Protein; J. Cell. Biol., 1981, Vol. 91(2 Pt 1), pages 545-50		
	CG	HUSSAIN et al.; Translation of homologous and heterologous messenger RNAs in a yeast cell-free system; Gene, 46 (1986) 13-23		
	CH	GASIOR et al.; The Preparation and Characterization of a Cell-free System from <i>Saccharomyces cerevisiae</i> That Translates Natural Messenger Ribonucleic Acid; J. Biol. Chem., 1979, Vol. 254, No. 10, pages 3965-3969		
	CI	WALTER et al.; Preparation of Microsomal Membranes for Cotranslational Protein Translocation; Methods In Enzymology, Vol. 96, pages 84-93		
	CJ	BULLEID et al.; Source of heterogeneity in Secreted interferon- γ ; Biochem. J. (1990) 268, 777-781 (Printed in Great Britain)		
	CK	PARADIS et al.; In vitro translation of human prostatic acid phosphatase mRNA and processing of the translation products by microsomal membranes and endoglycosidase H; Biochem. Cell Biol. 65: 921-924		
▼	CL	DAVIS et al.; CELL-FREE PROTEIN SYNTHESIZING SYSTEMS ISOLATED FROM AN INSECT CELL LINE; Insect Biochem., 1977, Vol. 7, pages 77-83 (Great Britain)		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For

Examiner Signature	Date Considered
--------------------	-----------------



PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

				Complete If Known	
				Application Number	10/578,926
				Filing Date	May 9, 2006
				First Named Inventor	Koki Endo
				Art Unit	1656
				Examiner Name	Not Yet Assigned /Anand Desai/
Sheet	1	of	1	Attorney Docket Number	OKA-0233

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	CA	English Translation May 26, 2006			

Partial translation of PCT/JP2004/017219

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

**Full translation submitted in September 21, 2006 IDS.
The September 21, 2006 IDS is being initialed.**

Examiner Signature		Date Considered
--------------------	--	-----------------



Used in Lieu of PTO/SB/08A/8
(Based on PTO 04-07 version)

Substitute for form 1449/PTO				Complete If Known	
				Application Number	10/578,926-Conf. #2204
				Filing Date	May 9, 2006
				First Named Inventor	Koki ENDO
				Art Unit	1656
				Examiner Name	A. U. Desai
Sheet	1	of	1	Attorney Docket Number	OKA-0233

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
/A.D./	CA	Hiroshi TARUI et al., "Establishment and characterization of cell-free translation /glycosylation in insect cell (Spodoptera frugiperda 21) extract prepared with high pressure treatment, APPL MICROBIOL BIOTECHNOL, 2001, pp 55:446-453.			
/A.D./	CB	H. TARUI et al., "A Novel Cell-Free Translation/Glycosylation System prepared from Insect Cells", JOURNAL OF BIOSCIENCE AND BIOENGINEERING, 2000, pp. 508-514, Vol. 90.			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ⁶Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08a/b (07-05)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1	Attorney Docket Number	OKA-0233
-------	---	----	---	------------------------	----------

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/A.D./	CA	English Translation of International Preliminary Examination Report for PCT/JP2004/017219 mailed on August 3, 2006	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Anand Desai/	Date Considered	09/15/2007
--------------------	---------------	-----------------	------------